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Attorney Docket No.: 020174-006800US

PATENT

Assistant Commissioner for Patents  
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On July 2, 2002

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By: *Andrew*



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gregory Harris, et al.

Application No.: 09/894,858

Filed: June 27, 2001

For: AN OBJECT ORIENTED  
MICROFLUIDIC DESIGN METHOD  
AND SYSTEM

Examiner: Unassigned

Art Unit: 2123

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/894,857, filed June 27, 2001 (Attorney Docket No. 020174-005000US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Chun-Pok Leung  
Reg. No. 41,405

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2123

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/894,858
	Filing Date	June 27, 2001
	First Named Inventor	Harris, Gregory
	Group Art Unit	2123
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	020174-006800US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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Firm and Individual name	Townsend and Townsend and Crew LLP Chun-Pok Leung	
Signature		
Date	7-2-02	

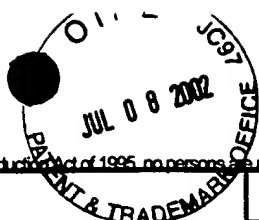
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **1**

Complete If Known

Application Number	09/894,858
Filing Date	June 27, 2001
First Named Inventor	Harris, Gregory
Art Unit	2123
Examiner Name	Unassigned
Attorney Docket Number	020174-006800US

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### U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-5,867,399	02/02/1999	Rostoker, et al.	
	AB	US-6,048,498	04/11/2000	Colin B. Kennedy	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet **2** of

## **Complete if Known**

Application Number	09/894,858
Filing Date	June 27, 2001
First Named Inventor	Harris, Gregory
Group Art Unit	2123
Examiner Name	Unassigned
Attorney Docket Number	020174-006800US

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AK	Chou, Hou-Pu, et al., "Microfabricated Devices for Sizing DNA and Sorting Cells," <i>Micro- and Nanofabricated Structures and Devices for Biomedical Environmental Applications</i> , (1998) Vol. 3258:pp 187-7.	
	AL	Chou, Hou-Pu, et al., "Disposable Microdevices for DNA Analysis and Cell Sorting," <i>Proc. Solid-State Sensor and Actuator Workshop</i> , (June 1998) pp:11-14.	
	AM	Chou, Hou-Pu, et al., "A Microfabricated Device for Sizing and Sorting DNA Molecules," <i>Proc. Natl. Acad. Sci. USA</i> , (Jan. 1999) Vol. 96:pp 11-13.	
	AN	Chou, Hou-Pu, et al., "Integrated Elastomer Fluidic Lab-on-a-Chip-Surface Patterning and DNA Diagnostics," <i>Departments of Electrical Engineering and Applied Physics, Caltech, Pasadena, California 91125, USA</i>	
	AO	Fu, Anne Y., et al., "A Microfabricated Fluorescence-Activated Cell Sorter," <i>Nature Biotechnology</i> , (Nov. 1999) Vol. 17:pp 1109-1111.	
	AP	Quake, Stephen R., et al., "From Micro- to Nanofabrication with Soft Materials," <i>Science</i> (Nov. 2000) Vol. 290:pp 1536-1540.	
	AQ	Thorsen, Todd, et al., "Dynamic Pattern Formation in a Vesicle-Generating Microfluidic Device," <i>Physical Letters Review</i> (April 2001) Vol. 86, No. (18):pp 4163-4166.	
	AR	Unger, Marc A., et al., "Monolithic Microfabricated valves and Pumps by Multilayer Soft Lithography," <i>Science</i> (April 2000) Vol. 288:pp 113-116.	
	AS	Weigl, Bernhard H., "Microfluidics-Based Lab-on-a-Chip Systems," <a href="http://www.device-link.com/archive/00/11/008.h">www.device-link.com/archive/00/11/008.h</a>	

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Examiner Signature		Date Considered	
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